

Title (en)
Pipeline system for filling an underground fuel storage tank and for delivering fuel to a dispensing installation

Title (de)
Rohrleitungssystem zur Betankung von unterirdischen Kraftstoffbehältern und zum Fördern von Kraftstoff zu einer Kraftstoffausgabeeinrichtung

Title (fr)
Système de tuyauterie pour le remplissage en carburant liquide d'une cuve enterrée et pour le transfert de ce carburant vers un poste de distribution

Publication
EP 0748976 A1 19961218 (FR)

Application
EP 96401109 A 19960522

Priority
FR 9506898 A 19950612

Abstract (en)
The buried petrol tank (1) is filled from a supply post (2) and transfers petrol to a distribution post (4) by a piping system. The piping comprises an assembly of internal flexible pipes, in which the petrol flows, surrounded by external flexible pipes (24,24') along their whole length. The external pipe sections are joined together and to the tank and to the distribution post by sealed junction pieces (21,21',21"). These pieces can be separated from contiguous parts to free access to the internal supply pipes. These junction pieces consist of bellows which are engaged in the contiguous ends of the external pipe sections and fixed to them by clamping collars. Collar seals interposed between the parts covering the external pipe sections and the bellows are engaged in flutings in the pipe sections.

Abstract (fr)
L'invention concerne un système de tuyauterie pour le remplissage en carburant liquide d'une cuve (1) enterrée à partir d'un poste d'alimentation (2) et pour le transfert de ce carburant vers au moins un poste de distribution (4), ce système comprenant un ensemble de canalisation interne souple, dans lequel circule le carburant, et un ensemble de canalisation externe souple (24, 24') enveloppant la canalisation interne. Selon l'invention, l'ensemble de canalisation externe est continu et enveloppe suivant toute sa longueur la canalisation interne, sans interruption depuis le poste d'alimentation (2) jusqu'à la cuve enterrée (1) et/ou depuis cette cuve (1) jusqu'au poste de distribution (4). <IMAGE>

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B67D 7/3209 (2013.01 - EP US); **F16L 39/005** (2013.01 - EP US); **F16L 55/00** (2013.01 - EP US)

Citation (search report)

- [A] WO 9007674 A1 19900712 - OSBORNE KEITH J [US]
- [A] DE 4109572 A1 19911017 - UNIDYNAMICS CORP [US]

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